

[illegible]

Page 1

[illegible]

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

2. The second step is to analyze the problem. This involves breaking the problem down into smaller parts and understanding the causes and effects.

3. The third step is to develop a plan. This involves deciding on the best way to solve the problem and setting goals and objectives.

4. The fourth step is to implement the plan. This involves putting the plan into action and making sure everyone is following it.

5. The fifth step is to evaluate the results. This involves checking to see if the problem has been solved and if the plan was effective.

6. The sixth step is to make adjustments. This involves making changes to the plan if it is not working and ensuring that the problem is fully resolved.

[illegible][illegible]**Cust Item ID:**

**Author's address:** Department of Psychology,  
University of California, San Diego,  
La Jolla, CA 92037, USA.  
*E-mail:* jacob@ucsd.edu

**Customer:**

1. Name of the person who is the subject of the report: \_\_\_\_\_  
 2. Date of the report: \_\_\_\_\_  
 3. Name of the person who prepared the report: \_\_\_\_\_  
 4. Name of the person who reviewed the report: \_\_\_\_\_  
 5. Name of the person who approved the report: \_\_\_\_\_  
 6. Name of the person who signed the report: \_\_\_\_\_  
 7. Name of the person who filed the report: \_\_\_\_\_  
 8. Name of the person who distributed the report: \_\_\_\_\_  
 9. Name of the person who received the report: \_\_\_\_\_  
 10. Name of the person who stored the report: \_\_\_\_\_

Date:

Date:

[illegible]

**Insp.  
Stamp**

A

Weld per dwg A/R S.S. rod Batch:  0.00

117884

## Memo

1- Cut tube 50"

2- Bend tube with manuel pipe bender as per DT9567

\*\*\* Make line at 9.00" and use jig for other lines, and ensure seam in place on side of tube when bending\*\*\*

3- Trim access tube material to finish size as per dwg D3916

4- Drill and chamfer holes as per dwg D3916-1 using DT9605

5- weld bushing as per dwg D3916

6- grind welds flush

QC5- Inspect part completeness to step on W/O

QC

## Memo

## Quality Control

0.00

611.07.15

11.07.15 (5)



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

**Work Order ID 71282**

Monday, June 27, 2011 9:13:36 AM



Page 2

Item ID: D3916-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Rib Assembly

Start Date: 6/27/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 6.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC10- Inspect visual per QSI004- ground welds

0.00



QC

Memo

0.00

Quality Control

11.07.15

130

Identify as per dwg &amp; Stock Location: WAOS

0.00



Packaging

Memo

0.00

Packaging

11.07.15

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/7/15

11-07-15

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Monday, June 27, 2011 9:13:54 AM

Page 1

Work Order ID: 71282

Parent Item: D3916-041

Parent Item Name: Rib Assembly

Start Date: 6/27/2011

Required Date: 6/30/2011

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP RevA: New issue DD verified by:EC  
per dwg revA 10.03.15 verified by:EC

IPP Rev:B as

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3759-1		Manufactured	No			100	Each	255.0000	7	42			
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Bushing

Location

Loc Qty

Loc Code

WA 200

69202 200

WA005 55

66489 2

66870 53

M304TS0.750W.049	Purchased	No				100	f	252.1792	4.166	26.31158			
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304 SQ Tube .75x.75x.049W

Location

Loc Qty

Loc Code

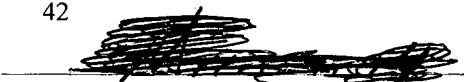
MAT018 228.5777

117690 63.5286

117775 165.0491

MAT034 23.6015

117337 23.6015



6/11-07-15

29

13

6/11-07-15

26.31158

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

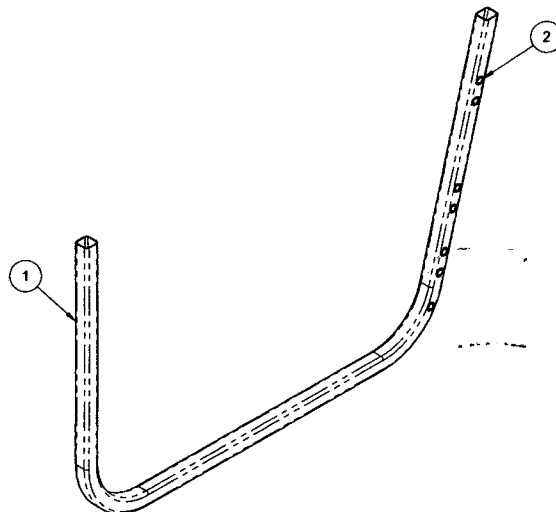
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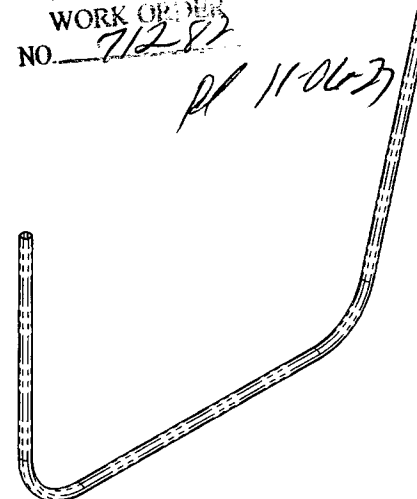
**NOTE:** Date & initial all entries

ITEM	QTY	P/N	DESCRIPTION
	X	D3916-041	RIB ASSY
1	1	D3916-1	RIB
2	7	D3759-1	BUSHING

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 71282  
*PL 11-06-3*



**D3916-041 RIB ASSY**



**D3916-5 LIGHT RIB**

*OK 10.12.21*  
**UNDER REVIEW**  
*ADDITION OF HOLE + BUSHING  
ON D3916-041-1 RIBS.*

**RELEASED**  
2010-03-12  
*JMP*

A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	JPH		
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	10.03.04		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		DRAWING NO. D3916	REV. A SHEET 1 OF 4
RIB ASSY, 350 BASKET		TITLE	SCALE NTS
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W/O:		WORK ORDER CHANGES					
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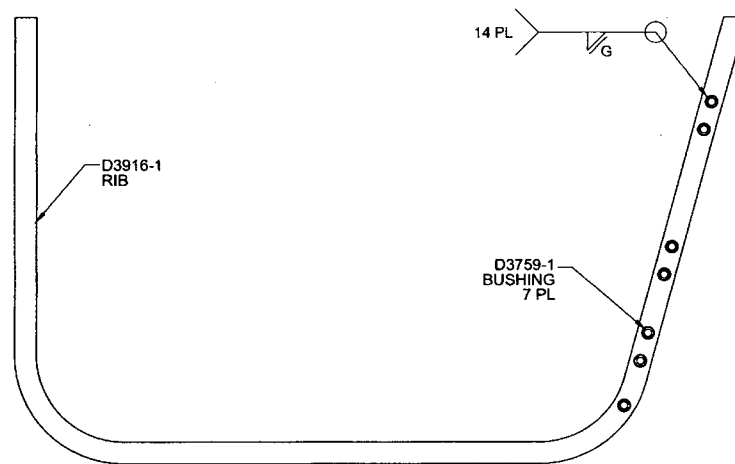
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Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





**D3916-041 RIB ASSY**

*u/o 71282*

**RELEASED**  
2010-03-12  
*AMP*

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT -041: 1.84 lbs
- 8) WELD PER DART QSI 004

DESIGN	AJS	<b>DART AEROSPACE LTD</b>	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D3916	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RIB ASSY, 350 BASKET	NTS
DATE	10.03.04	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, OR LOANED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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NOTE: Date & initial all entries



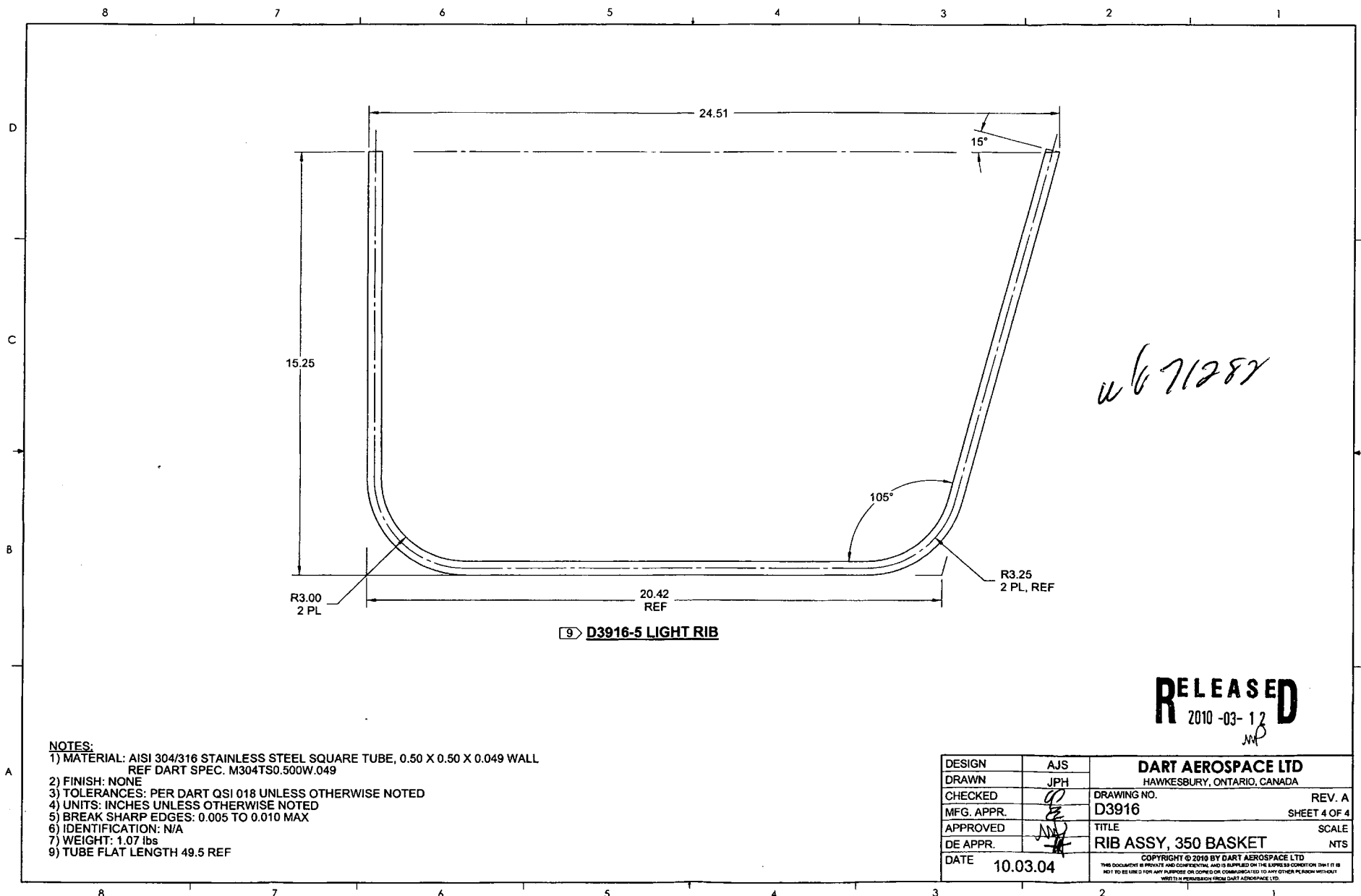
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**NOTE:** Date & initial all entries



# NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL  
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.07 lbs
- 9) TUBE FLAT LENGTH 49.5 REF

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3916	SHEET 4 OF 4
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